

FIG.1 PRIOR ART

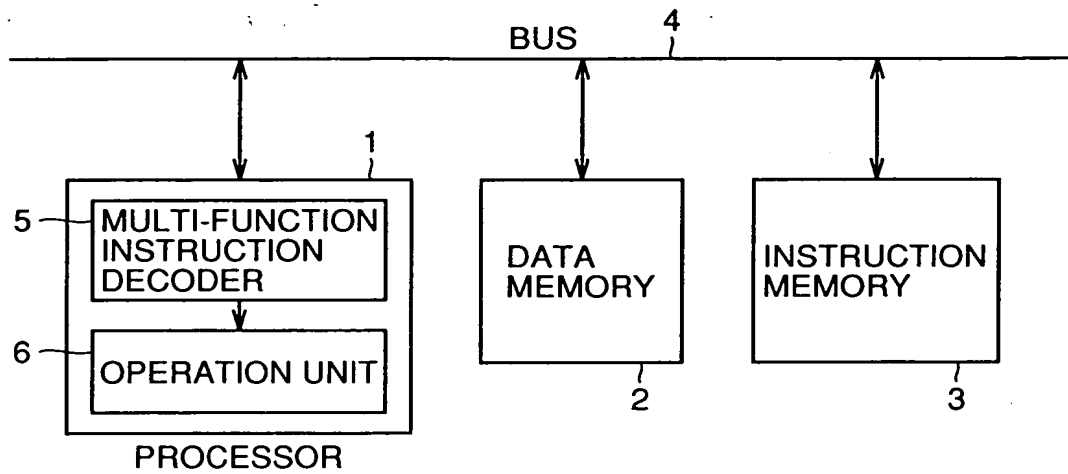


FIG.2

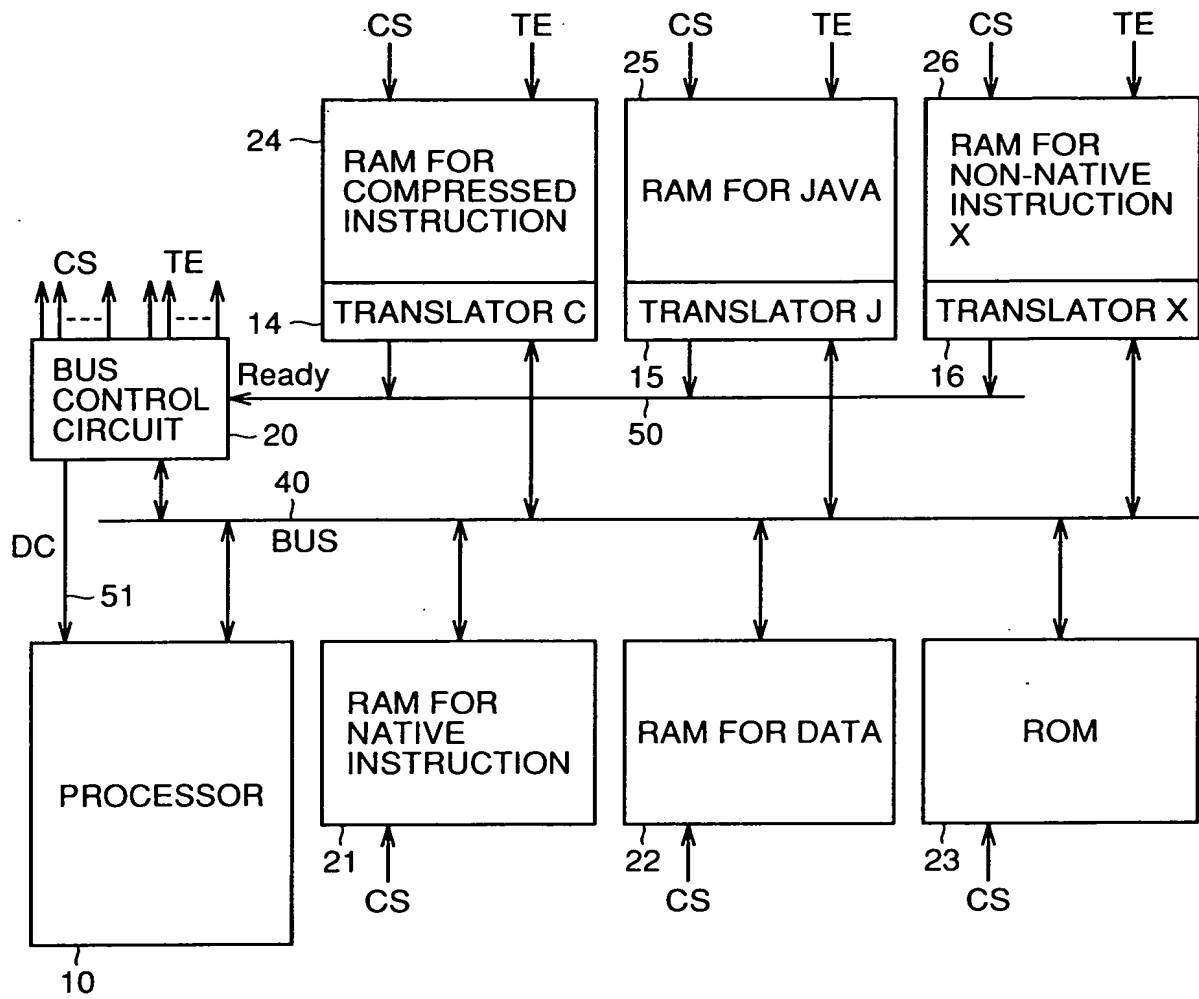


FIG. 3

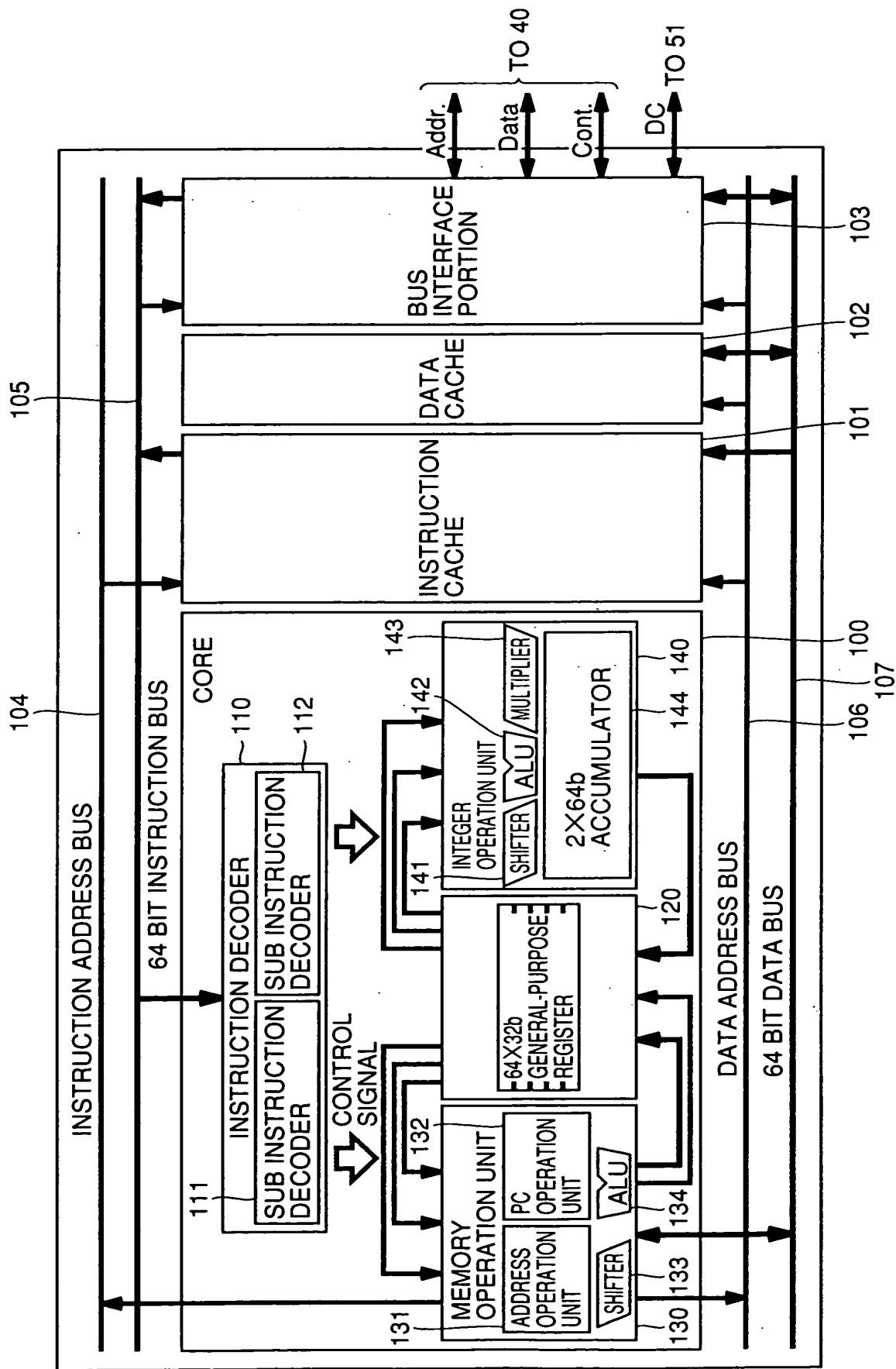


FIG.4

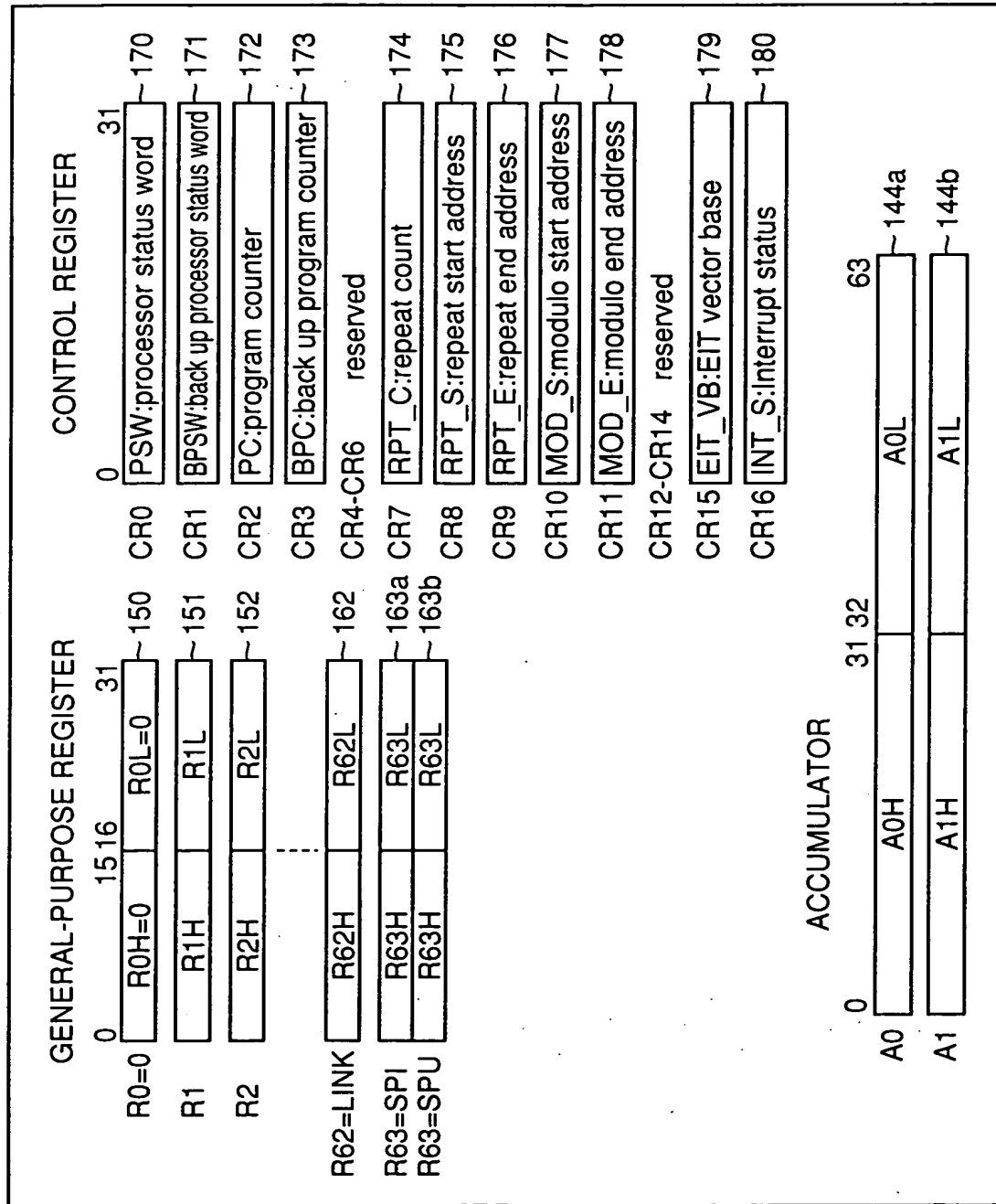


FIG.5

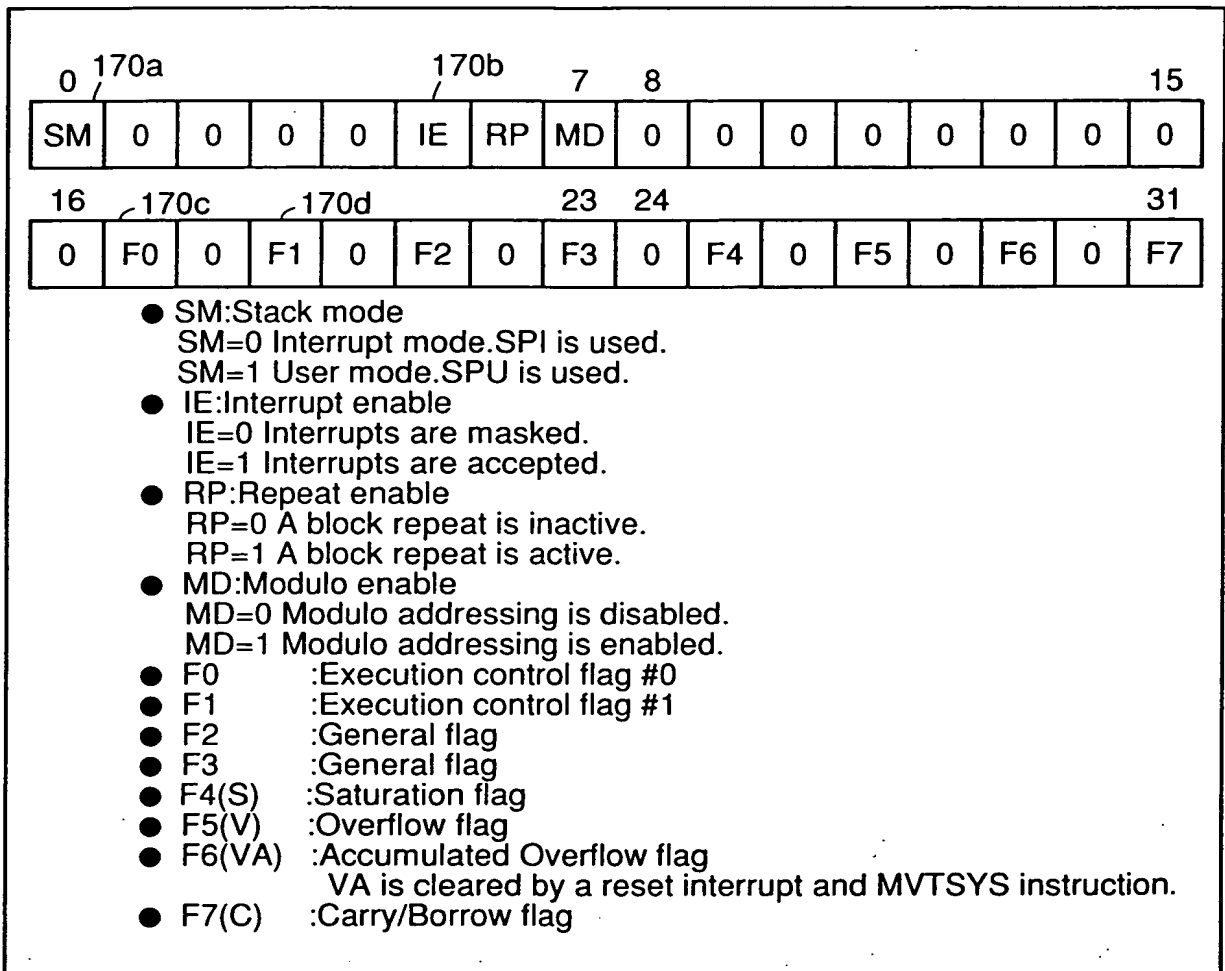


FIG. 6

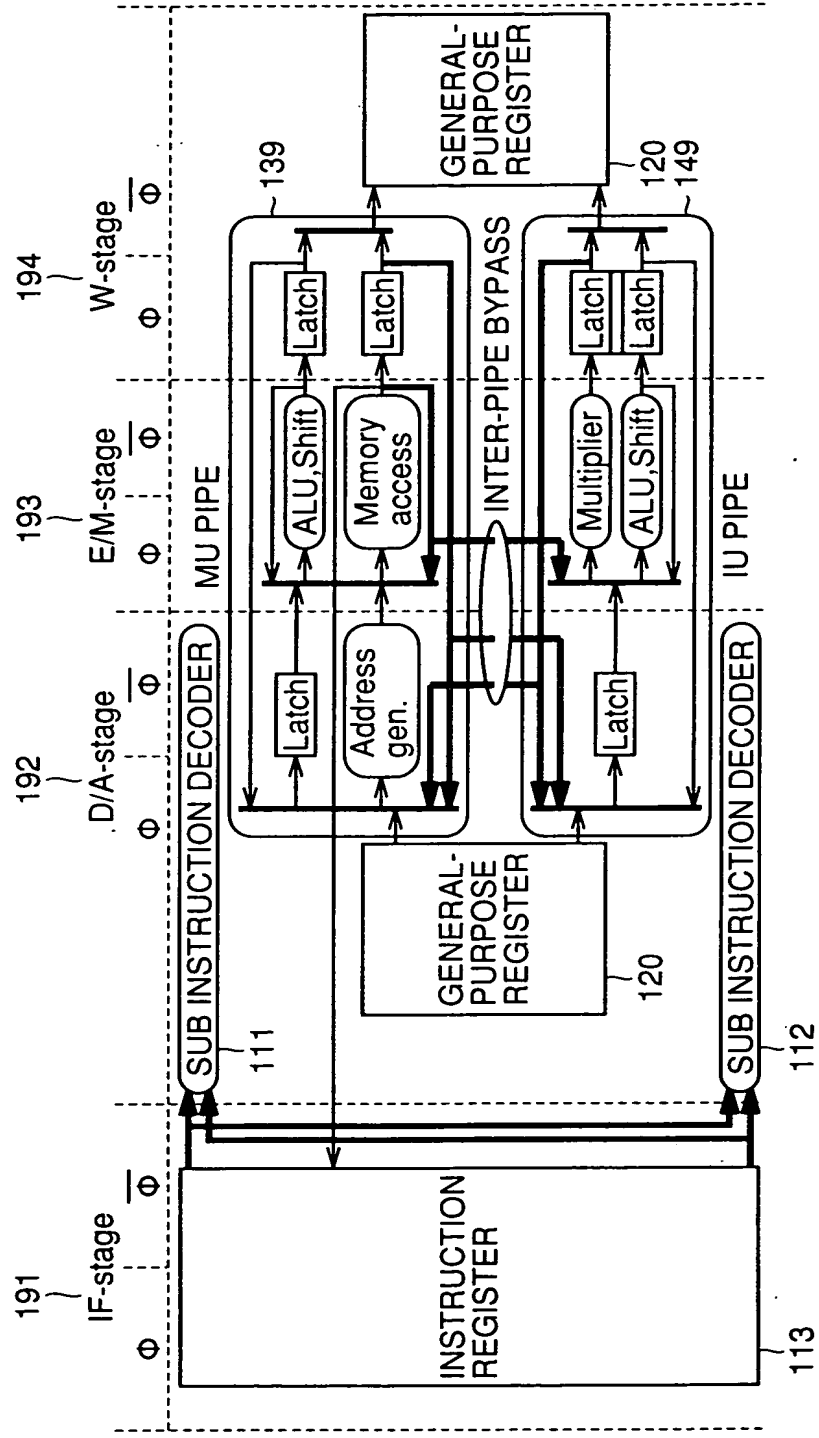
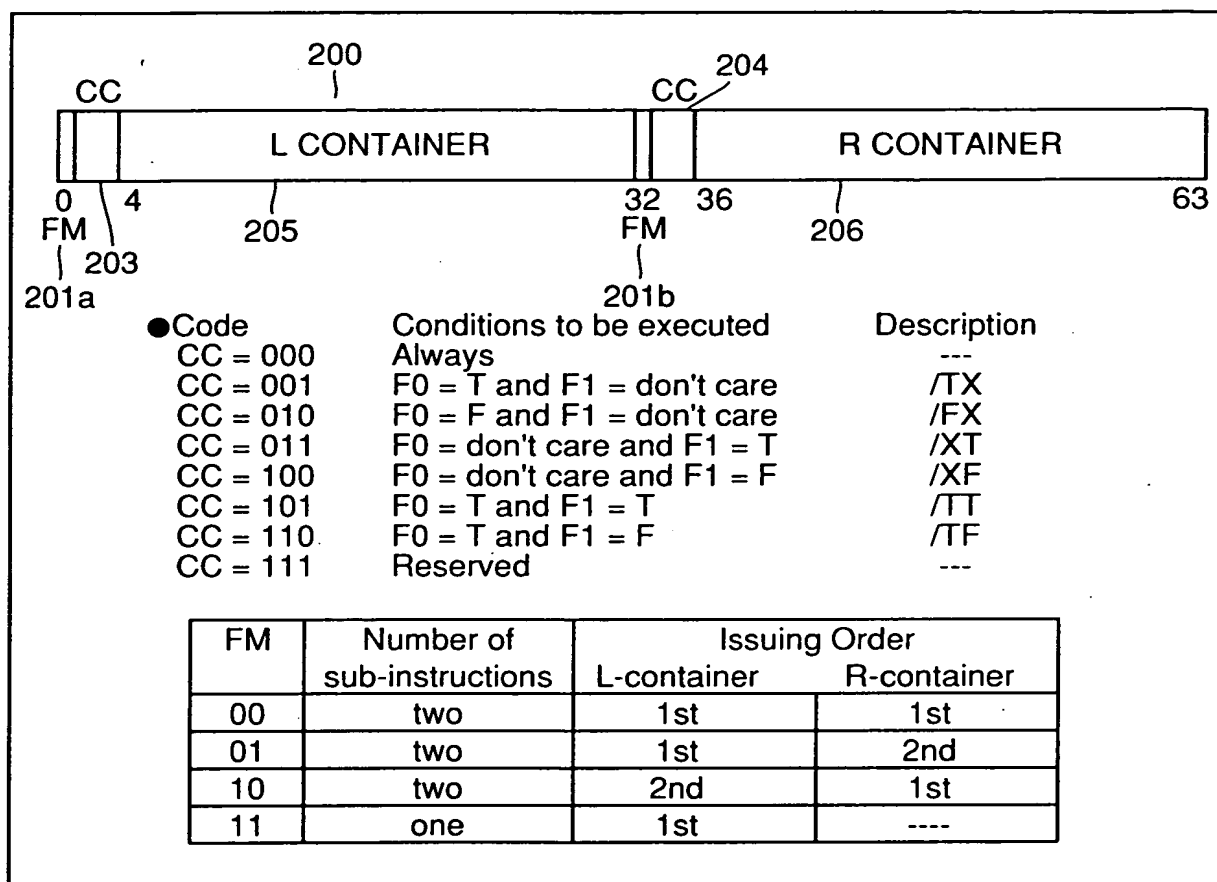


FIG.7



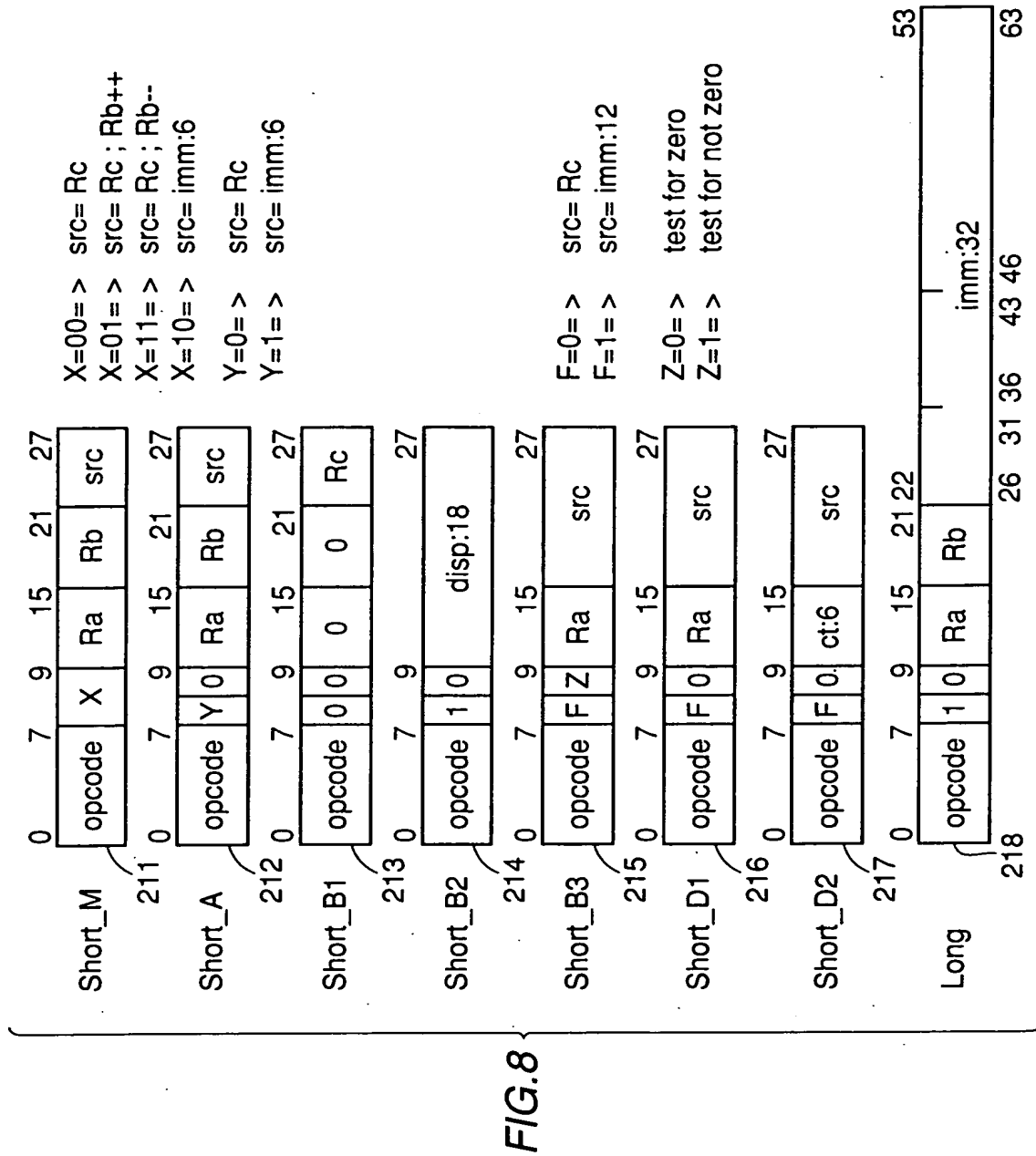


FIG.9

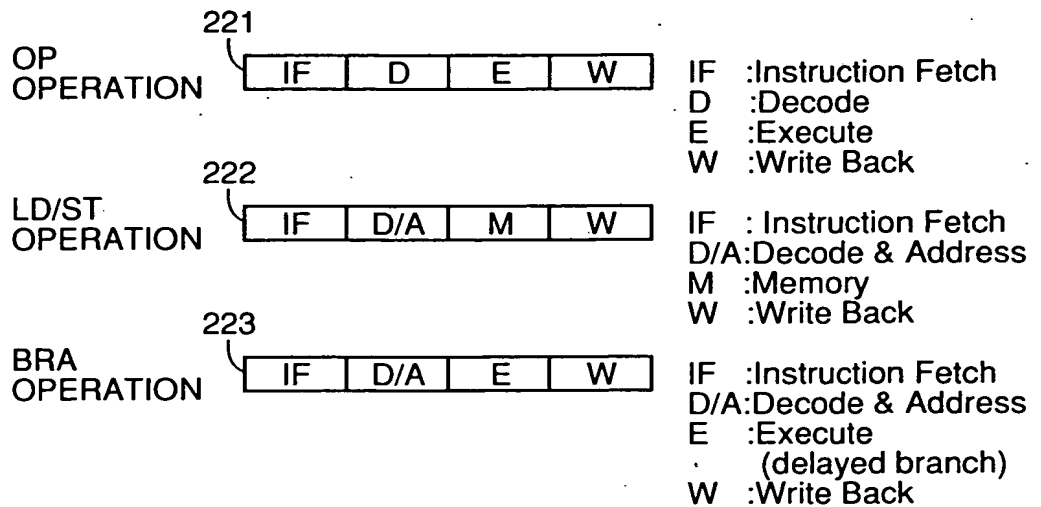


FIG.10

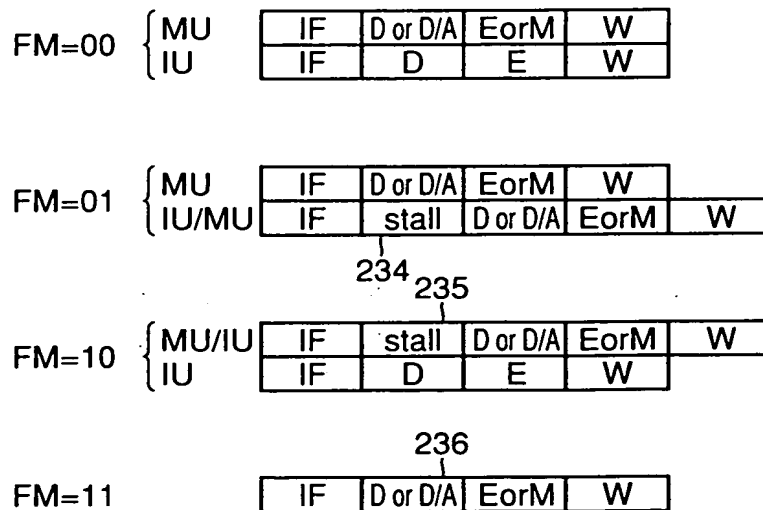


FIG.11

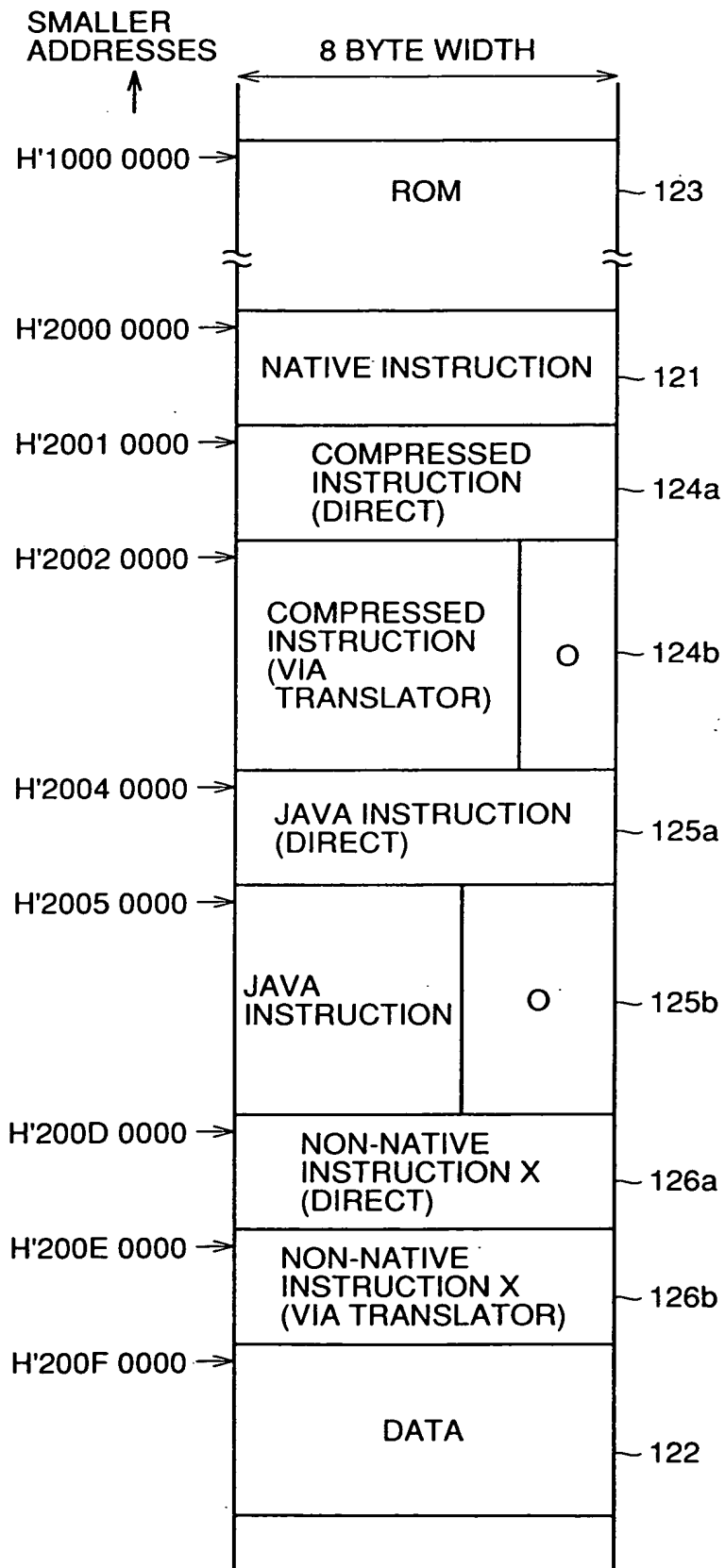


FIG. 12

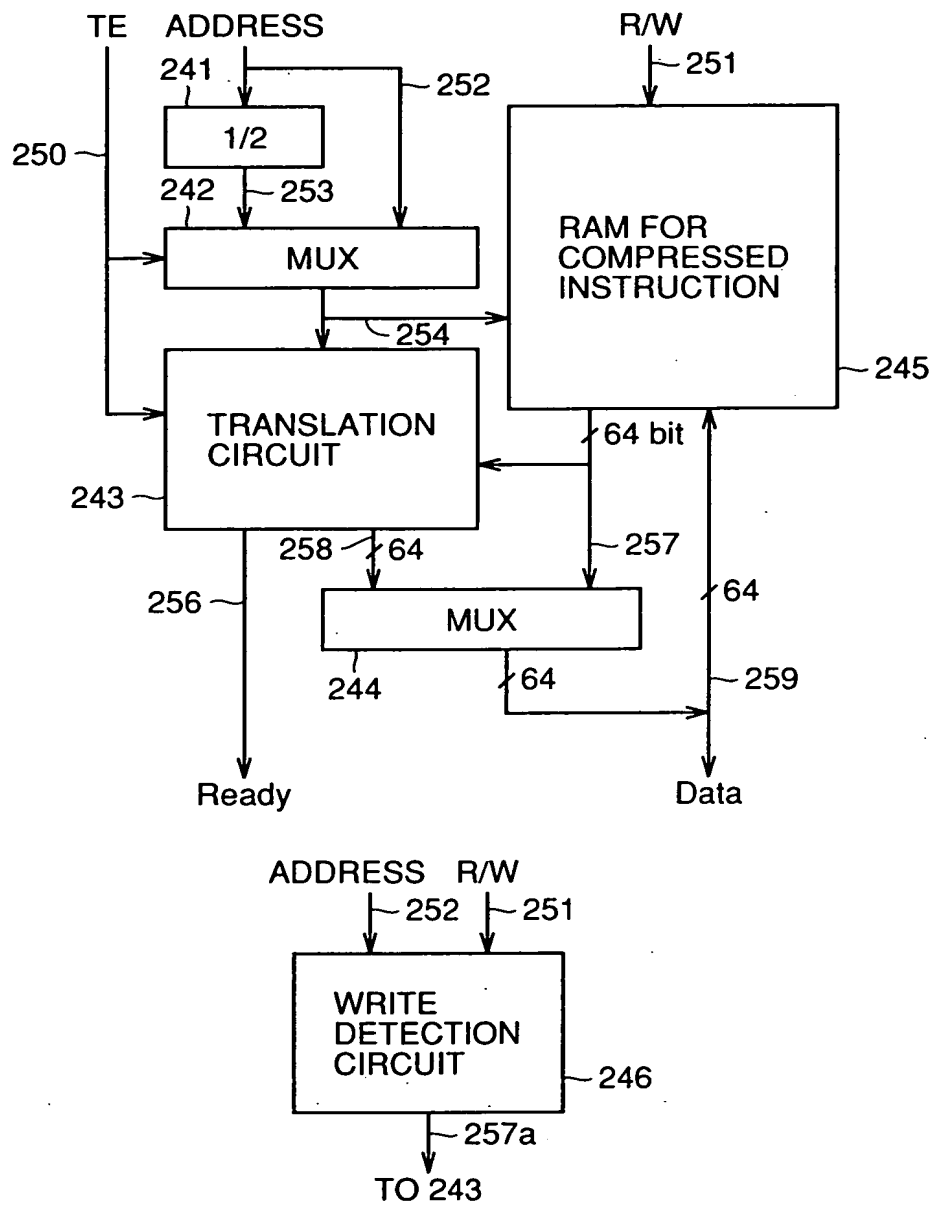
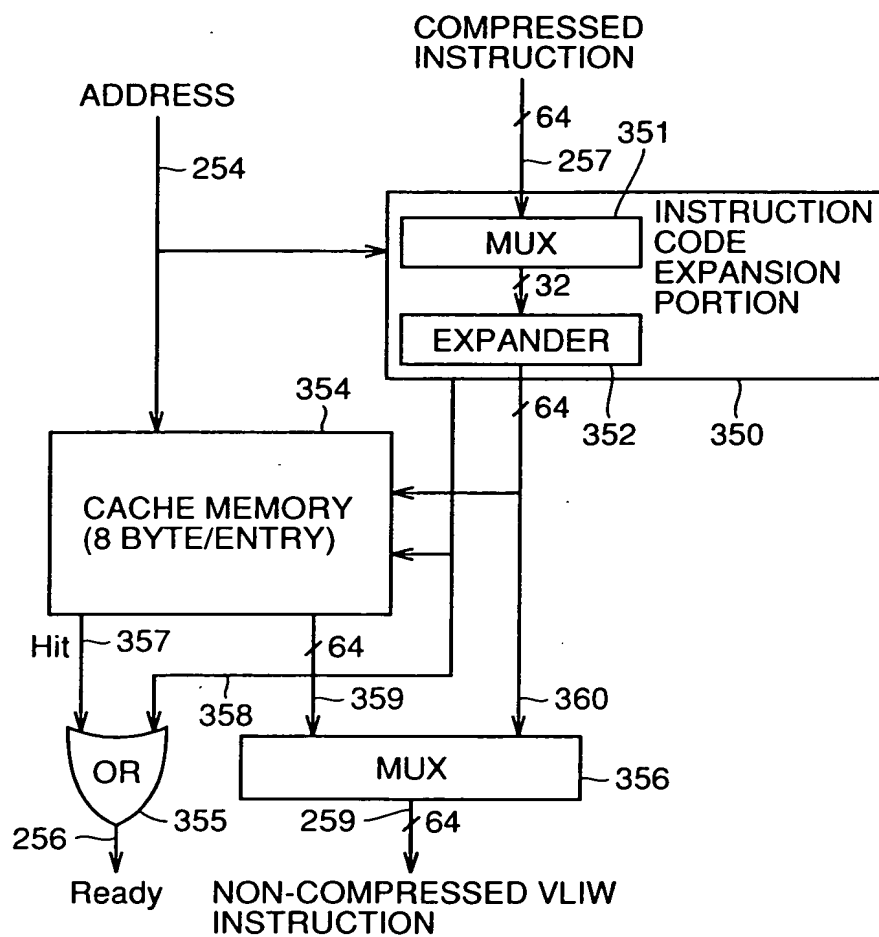


FIG. 13



TRANSLATION CIRCUIT

FIG. 14

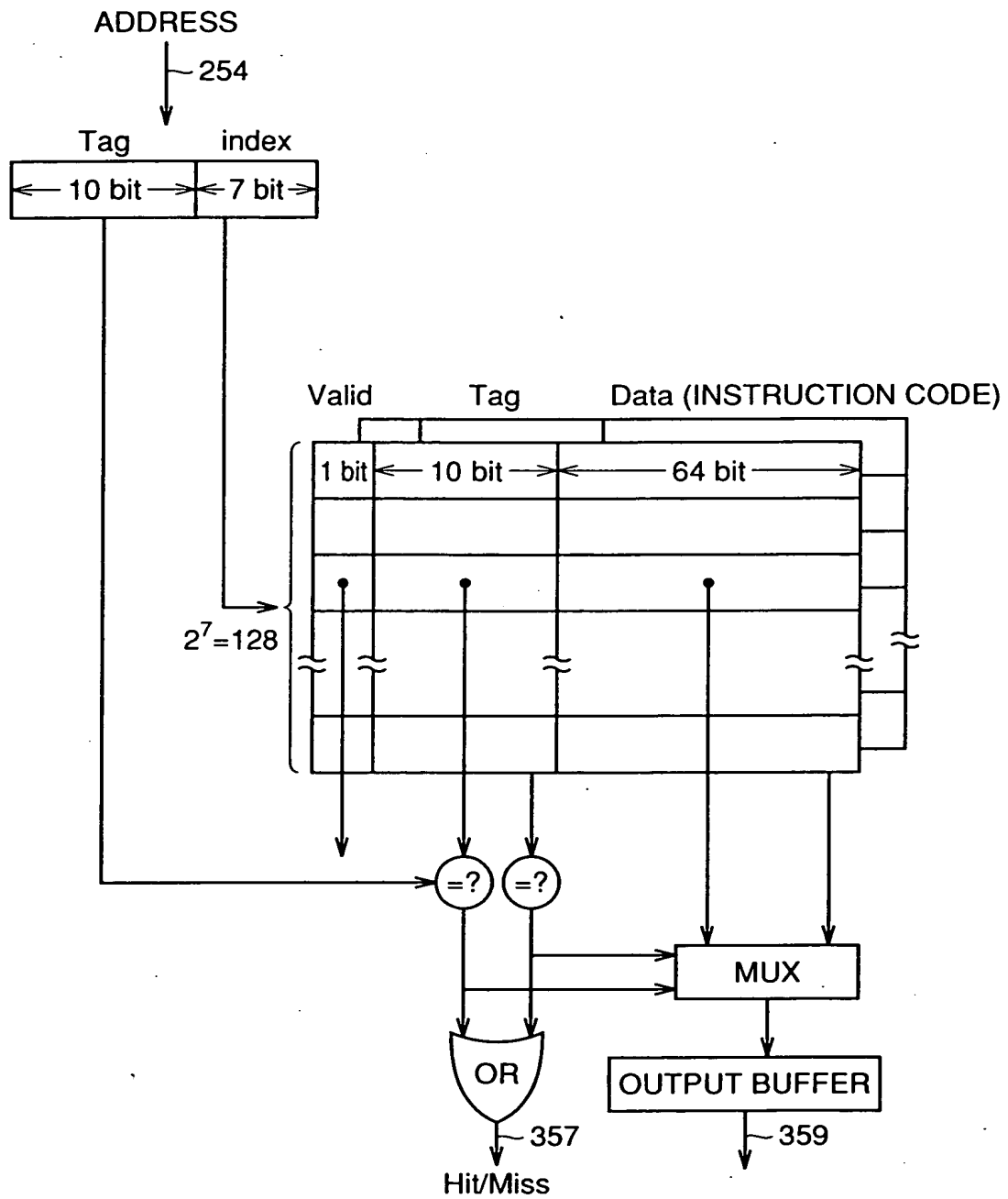


FIG.15

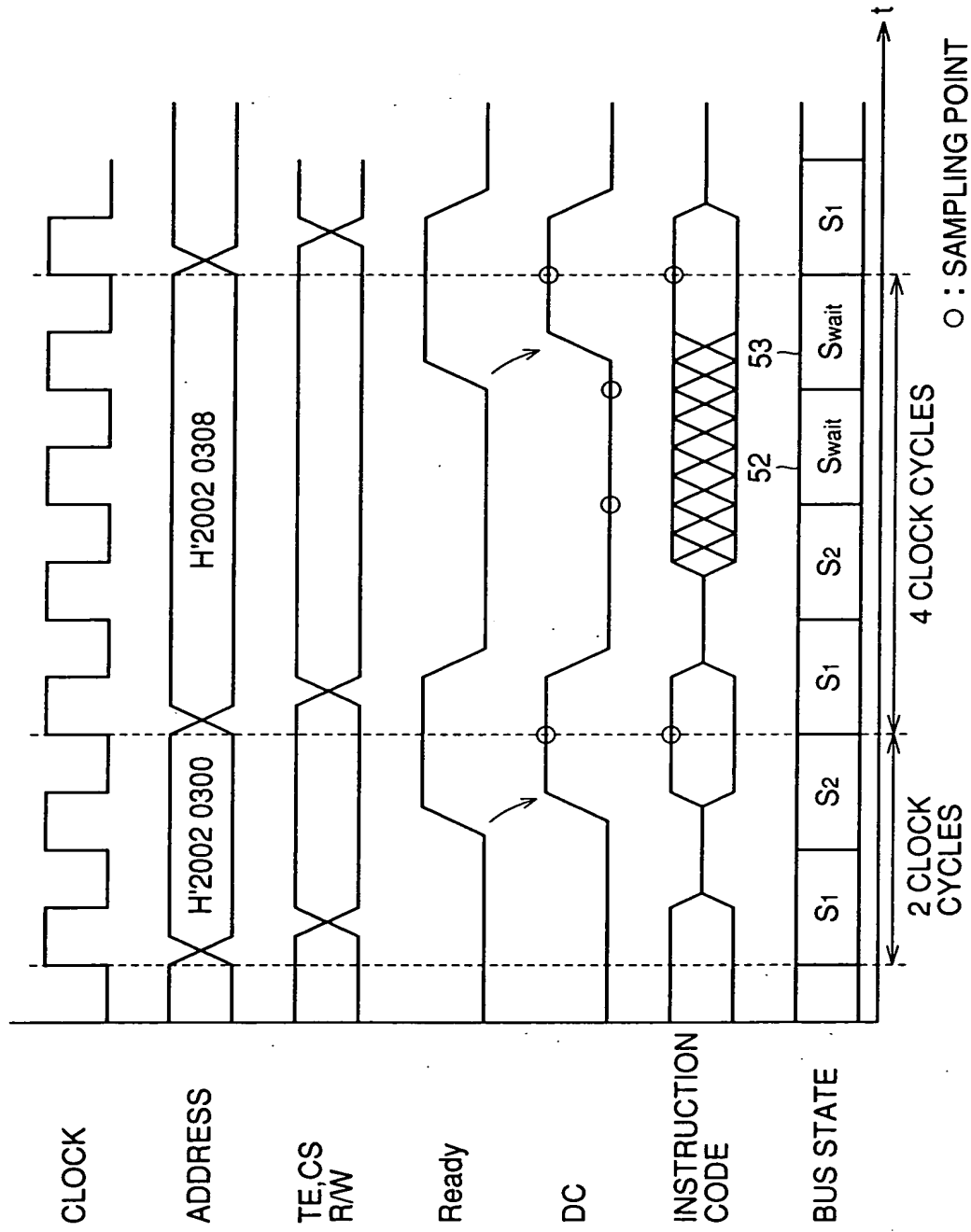


FIG.16

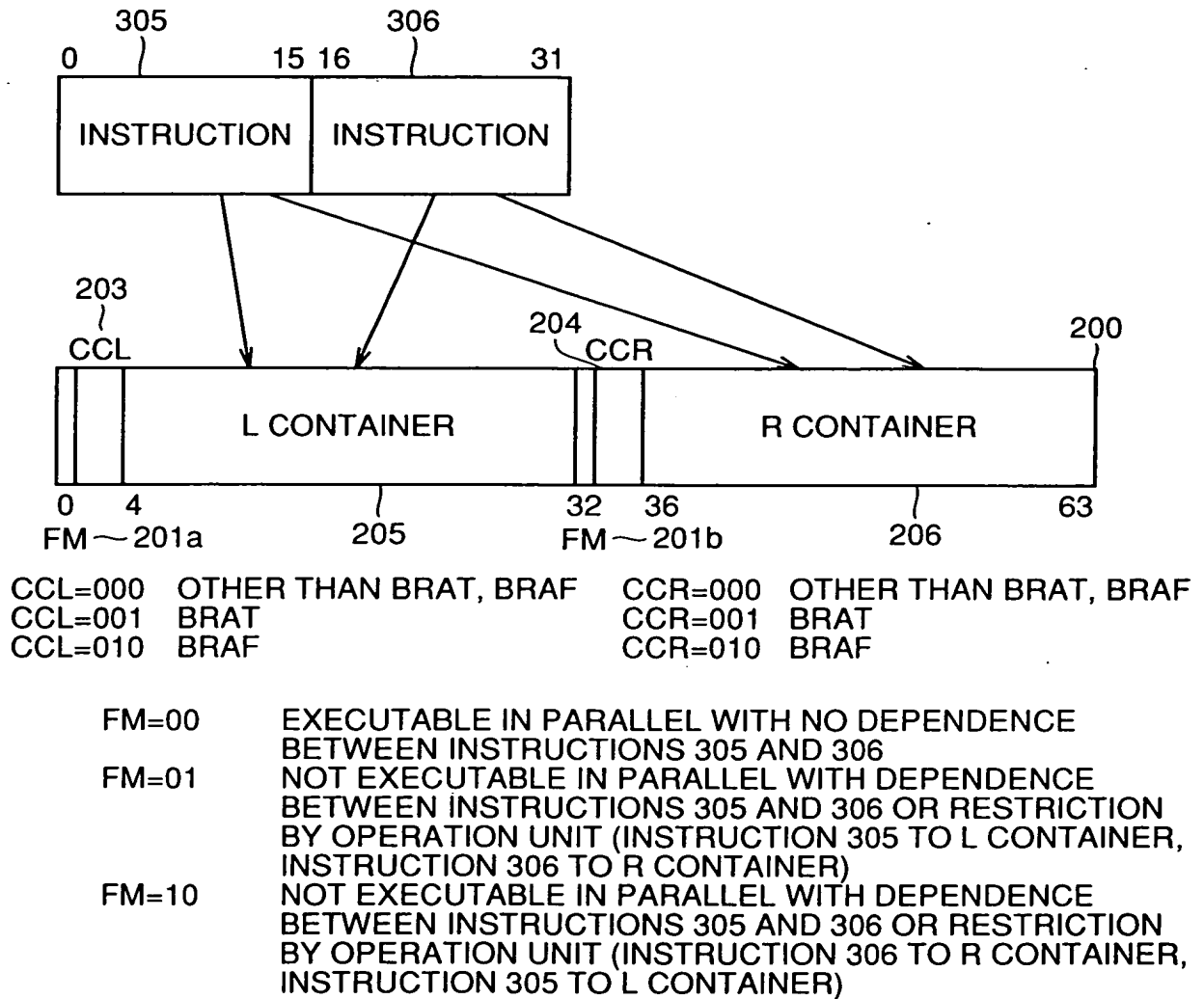


FIG. 17

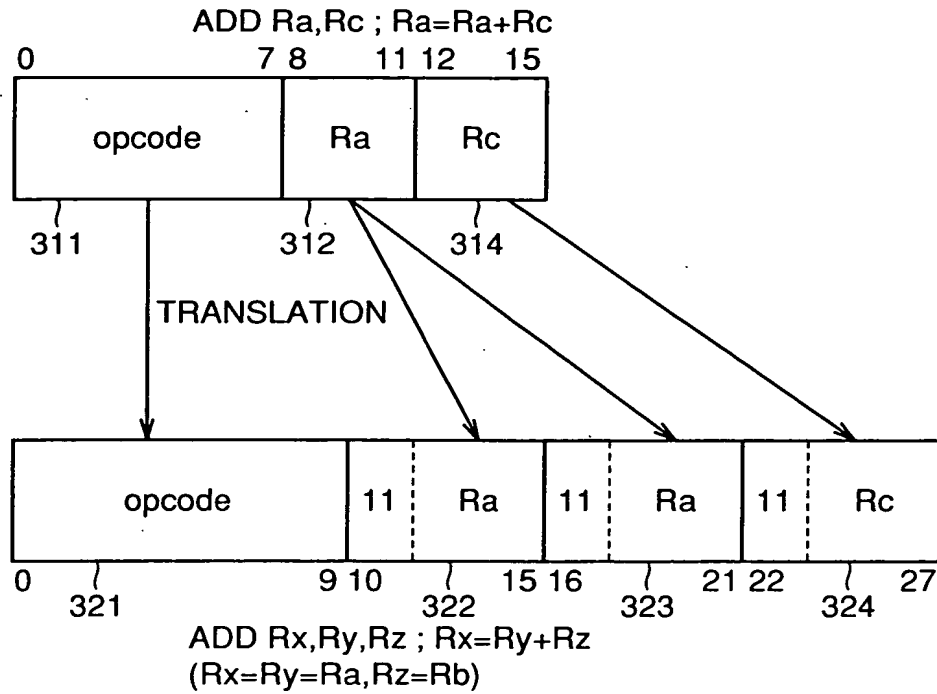


FIG. 18

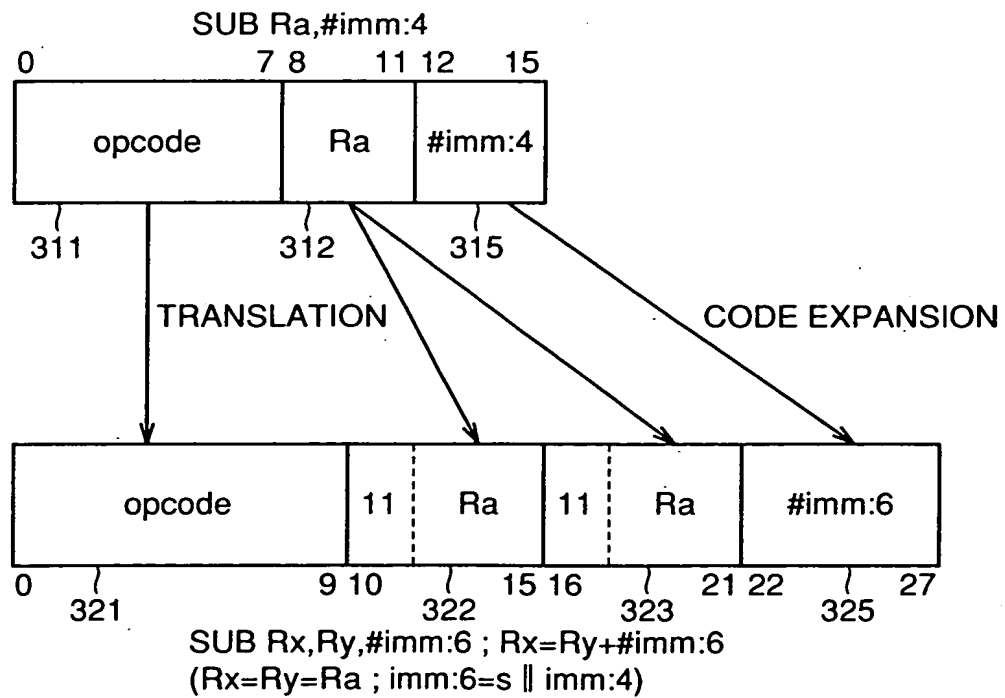


FIG. 19

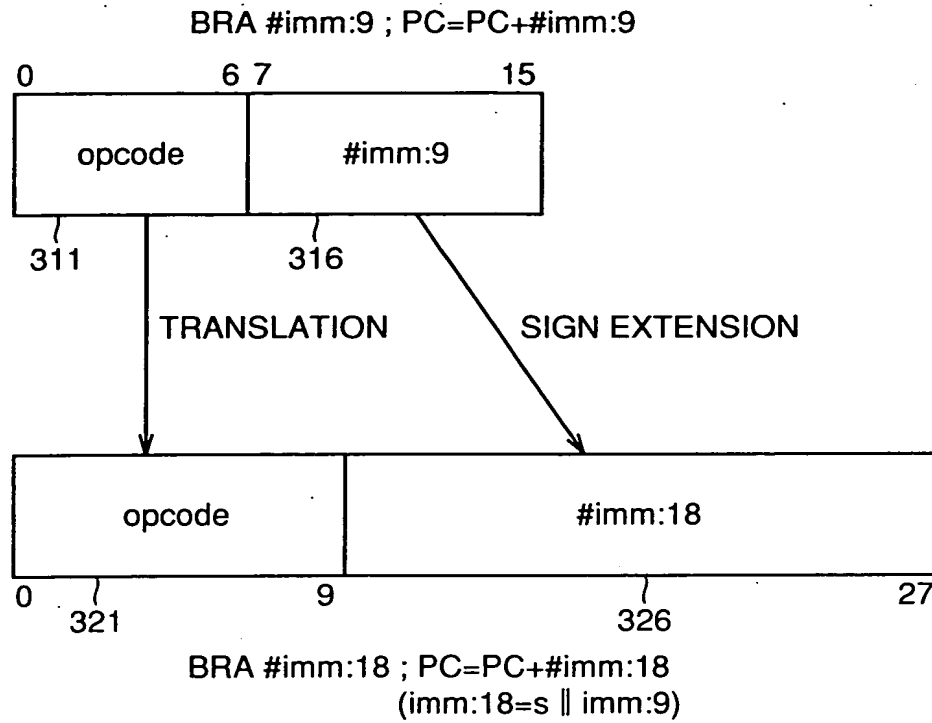


FIG.20

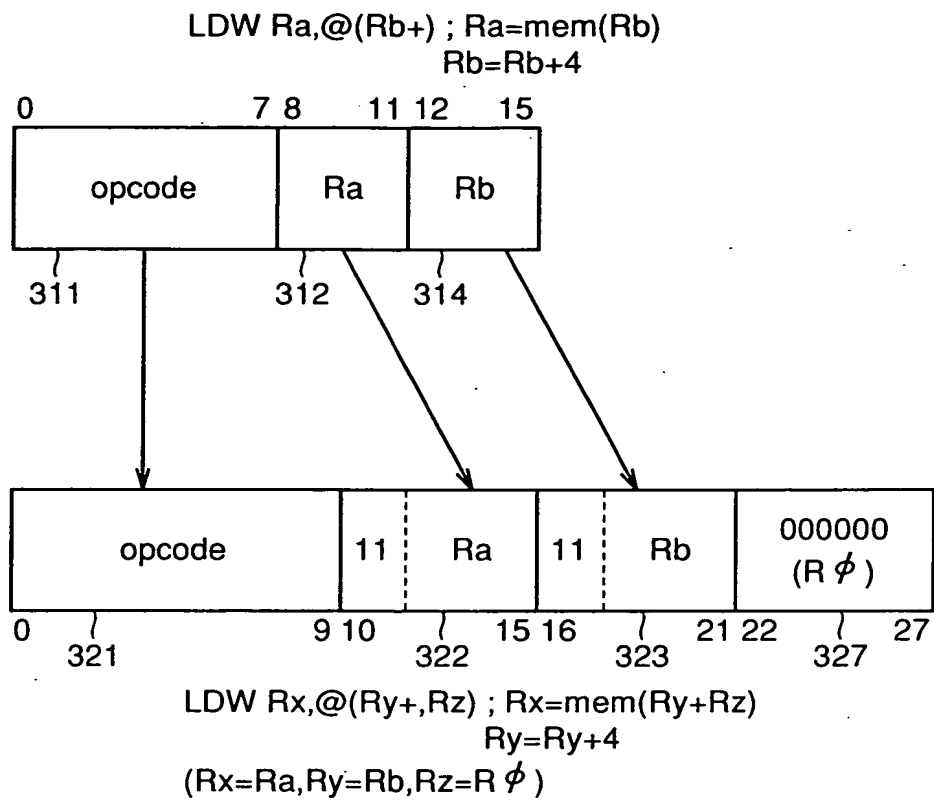


FIG.21

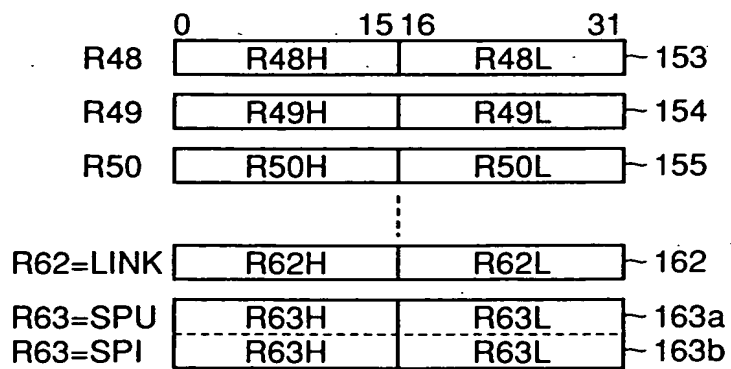


FIG.22

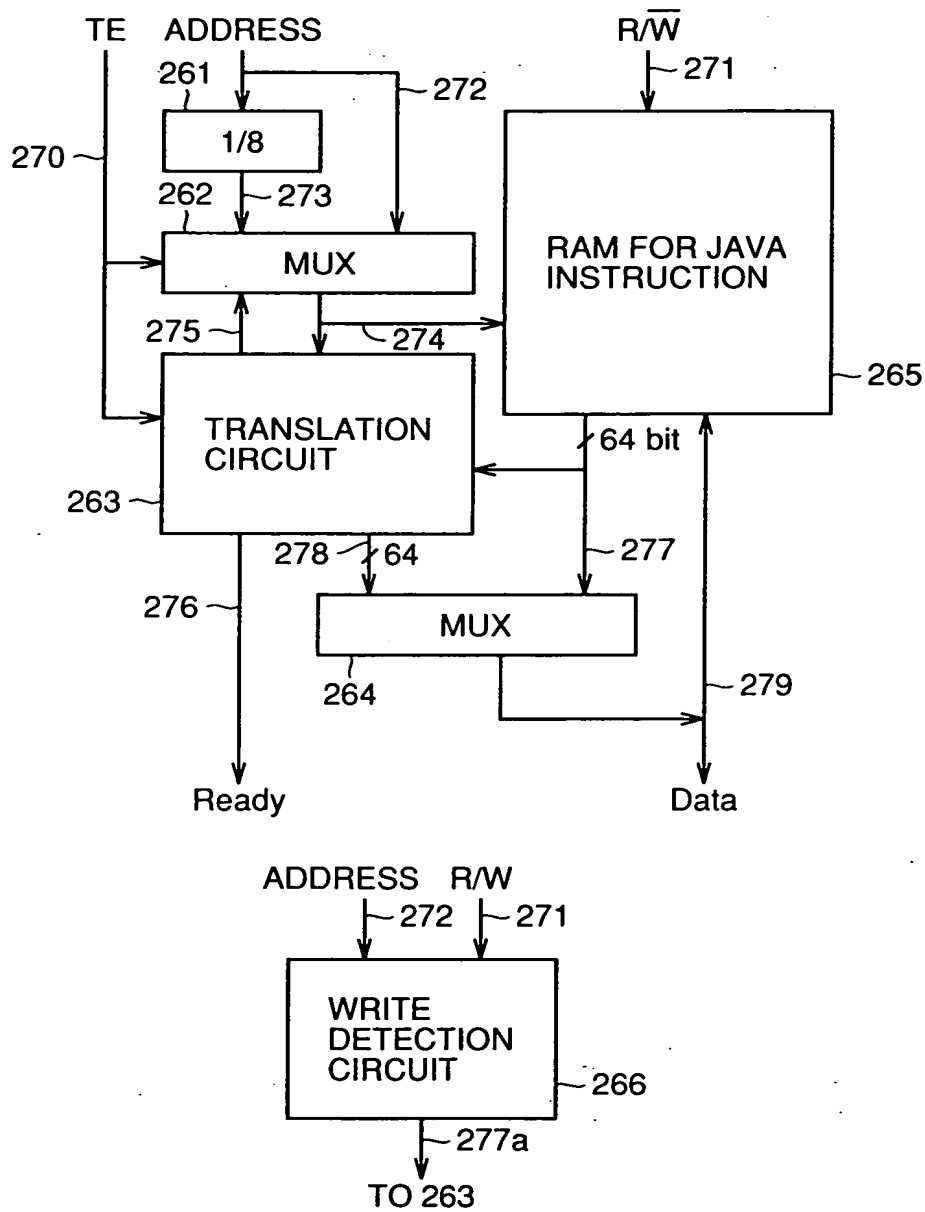
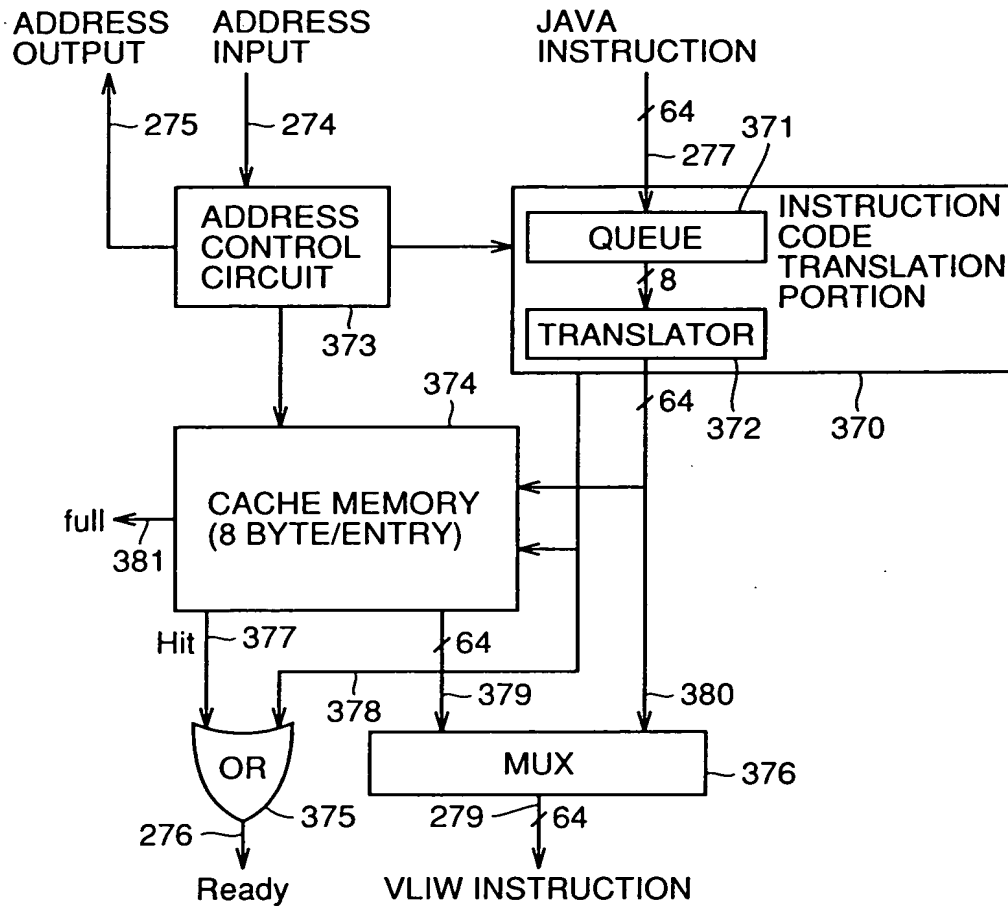


FIG.23



TRANSLATION CIRCUIT

FIG.24

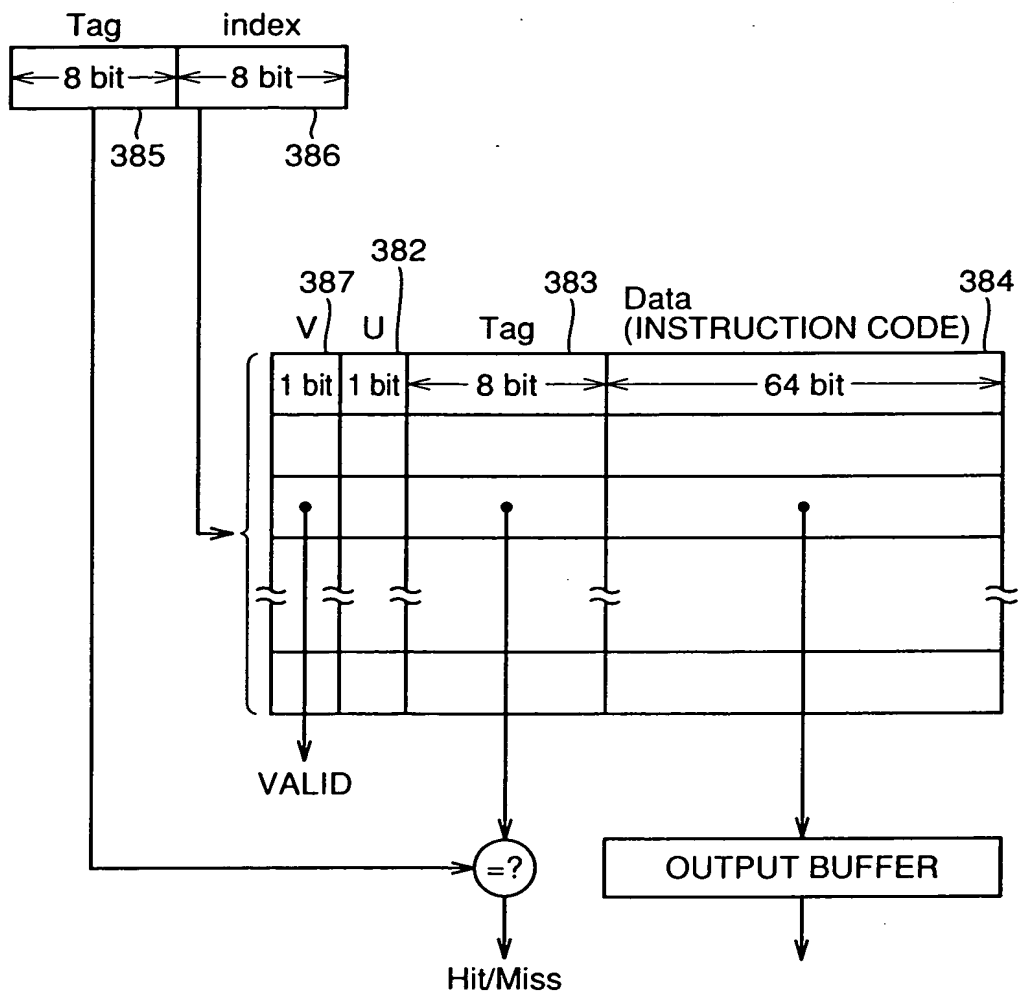


FIG.25

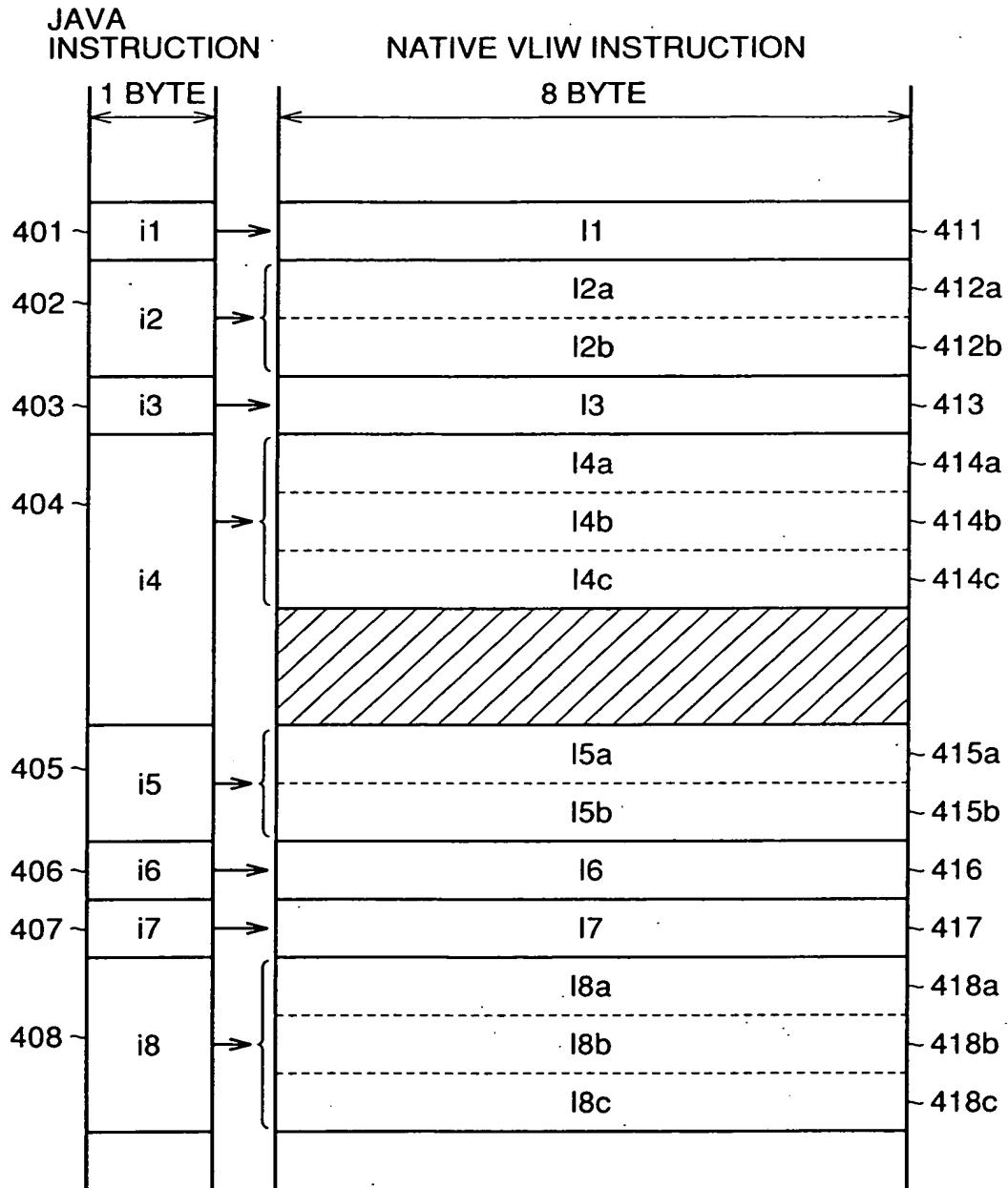


FIG.26

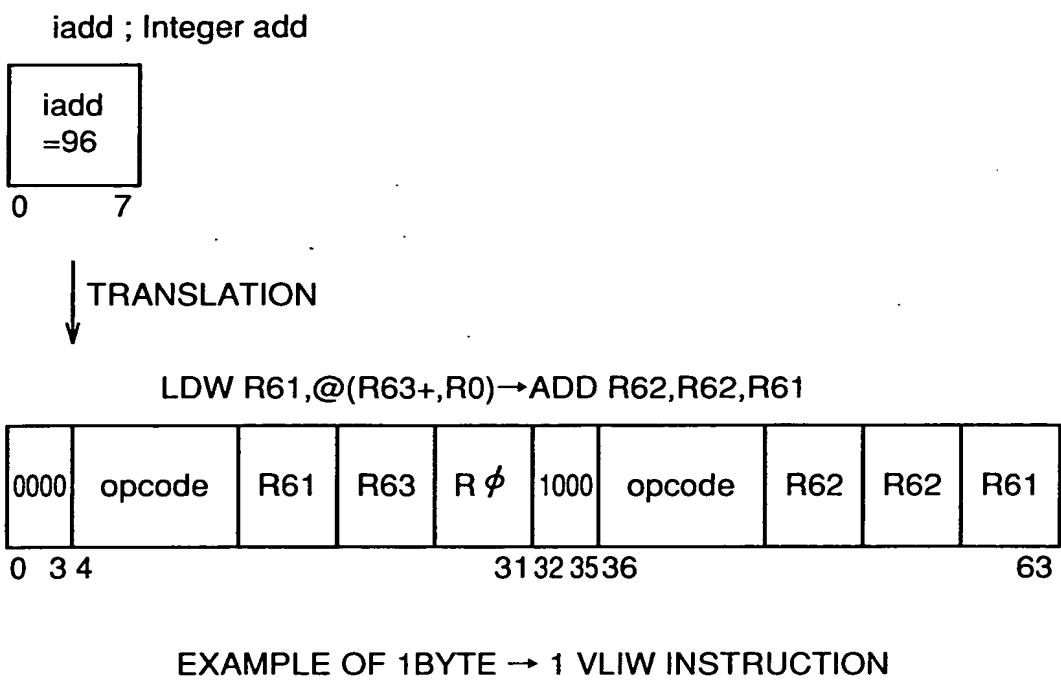


FIG.27

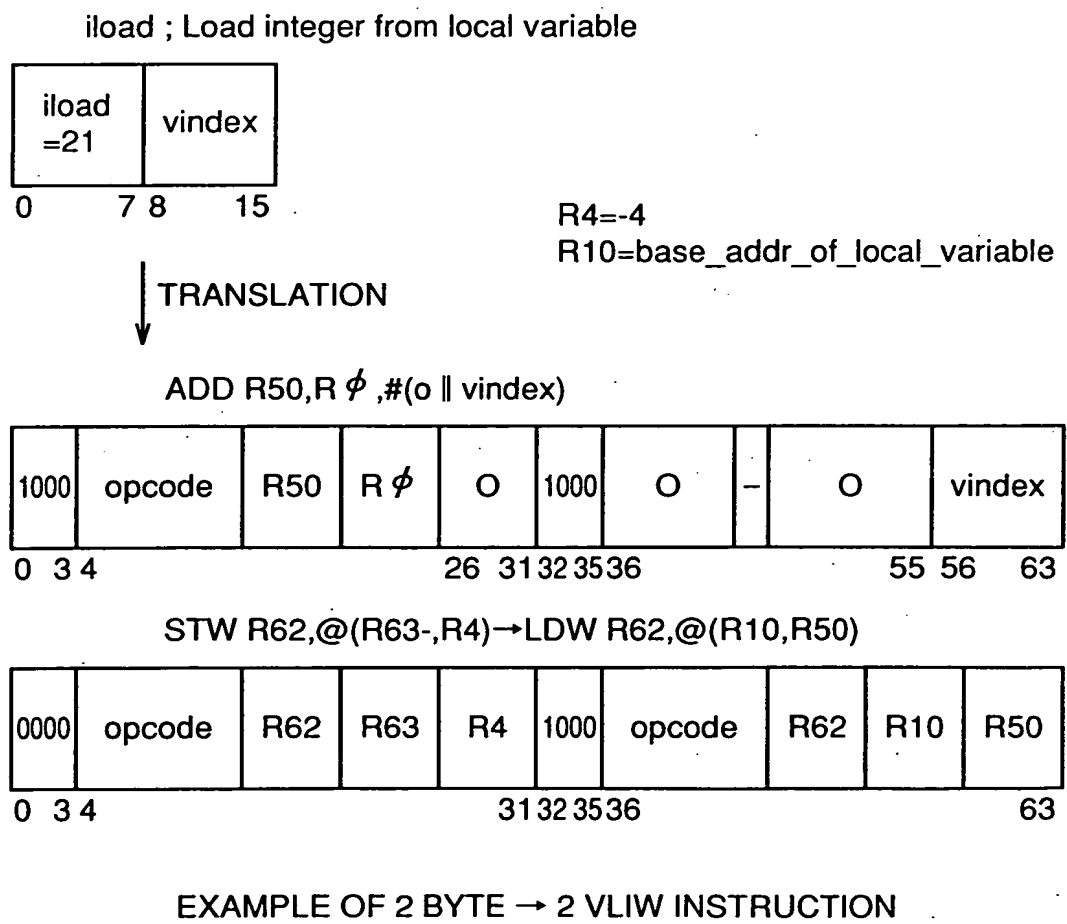
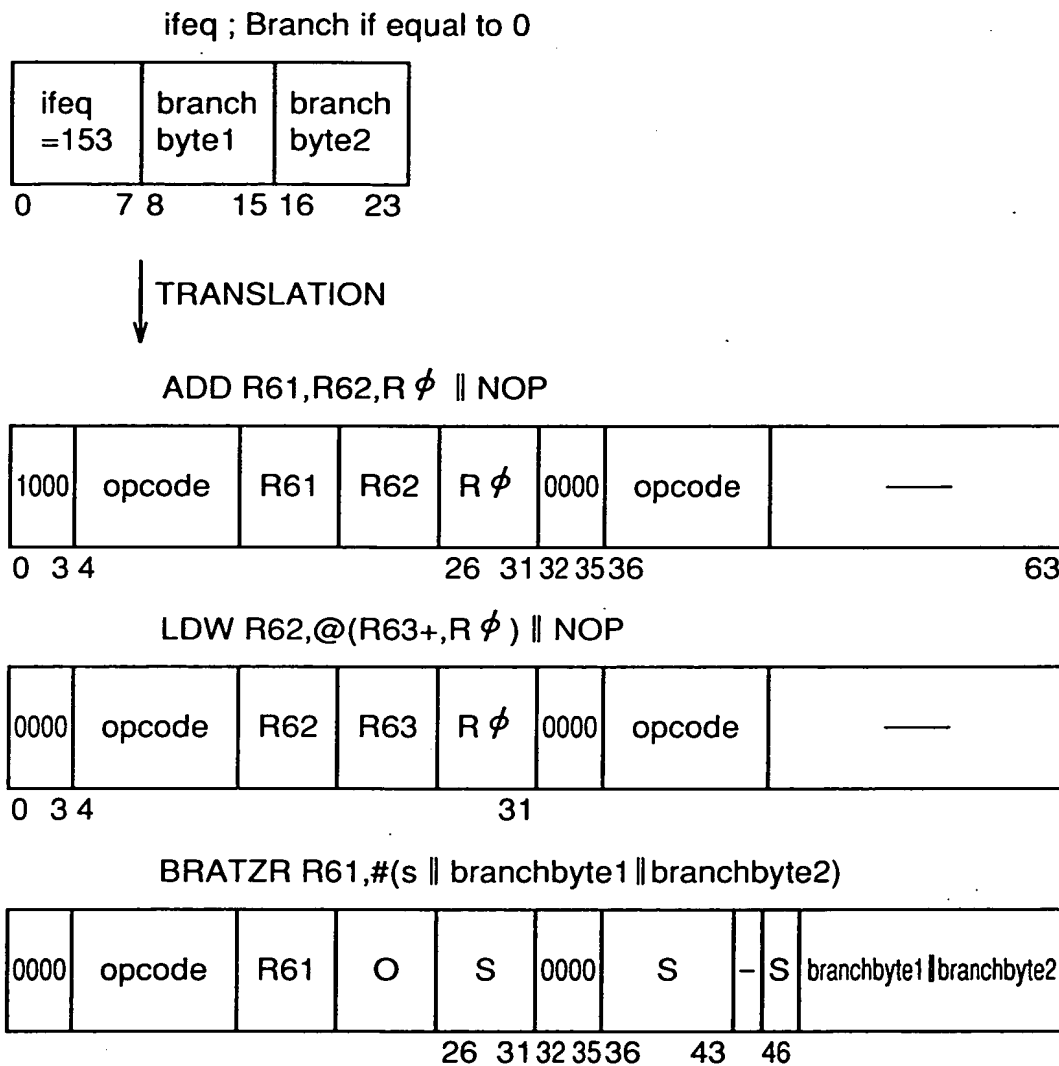


FIG.28



jsr_w ; Jumpto subroutine (wide index)

goto_w =200	branch byte1	branch byte2	branch byte3	branch byte4
0 7 8	15 16	23 24	31 32	39

↓
TRANSLATION

OR R10,R0,#(branchbyte1 || branchbyte2 || branchbyte3 || branchbyte4)

1000	opcode	—	bbo	1000	bb1	—	bb2	branch byte3	branch byte4
0 3 4			26 31	32 35	36 43	46			63

STW R62,@(R63-,R4)→JSR R10

0000	opcode	R62	R63	R4	1000	opcode	—	R10
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BRA #3 || NOP

0000	opcode	#3	000 0000	opcode	—
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FIG.29

FIG.30

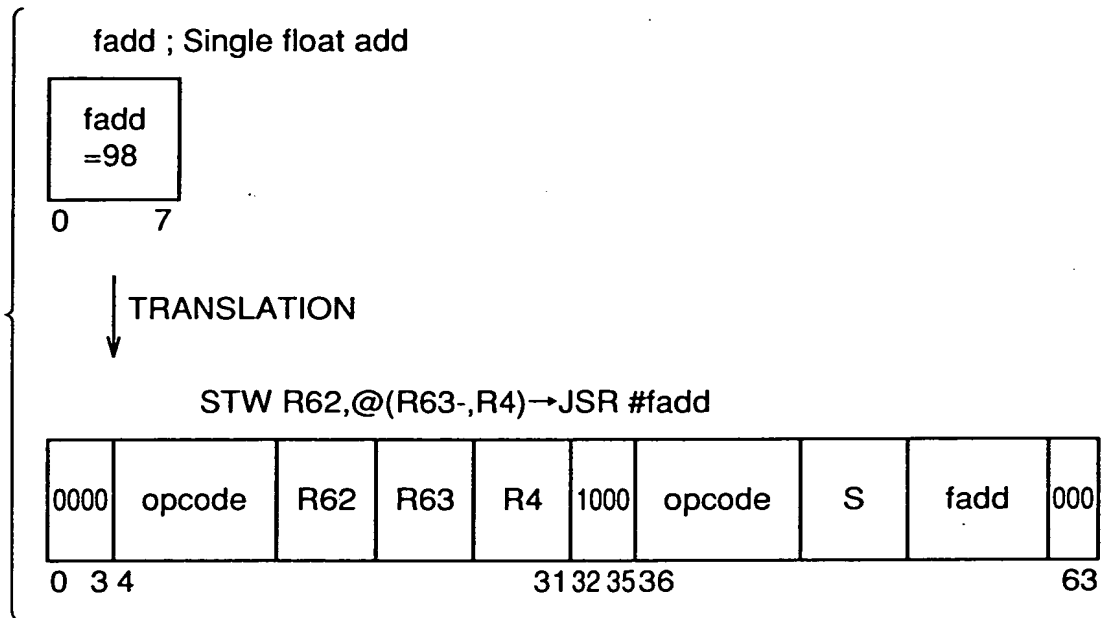


FIG.31

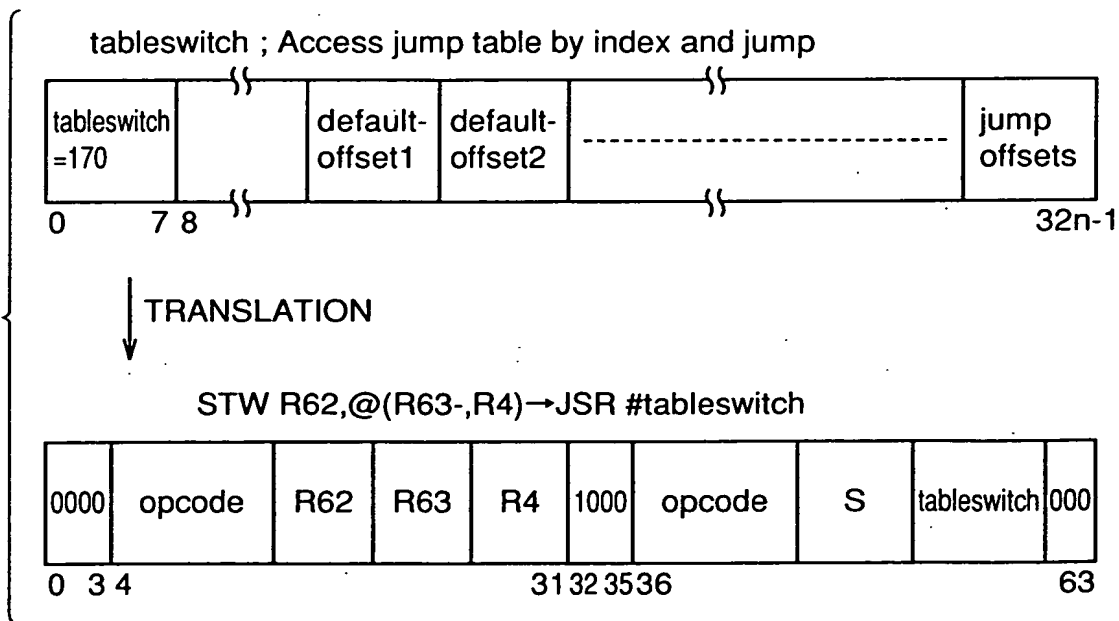


FIG.32

